

Anti-IL8 antibody (28-99 aa) [SRM5168] (STJ11107026)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human

PRODUCT PROPERTIES

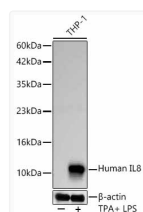
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IF/ICC:1:50-1:200
Formulation	PBS with 0.05% Proclin300, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 11kDa Observed Mw: 11kDa

TARGET INFORMATION

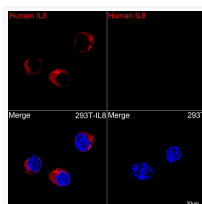
Gene ID	3576
Gene Symbol	CXCL8
UniProt ID	IL8_HUMAN
Immunogen Region	28-99 aa
Immunogen Sequence	SAKELRCQCIKTYSKPFHPK FIKELRVIESGPHCANTEII VKLSDGRELCCLDPKENWVQR VVEKFLKRAENS
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 28-99 of human IL8 (NP_000575.1).

ADDITIONAL INFORMATION

Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Western blot analysis of lysates from THP-1 cells using IL8 Rabbit mAb (STJ11107026) at 1:1000 dilution. THP-1 cells were treated by PMA/TPA (80 nM) at 37C for overnight and LPS (1 Mu g/ml) at 37C for 6 hours.
 Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution.
 Lysates/proteins: 25 Mu g per lane.
 Blocking buffer: 3% nonfat dry milk in TBST.
 Detection: ECL Basic Kit
 Exposure time: 90s.



Confocal imaging of 293T cells transfected with IL8 using IL8 Rabbit mAb (STJ11107026, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (STJS001166, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 100x.